



STATE OF ALASKA  
DEPARTMENT OF TRANSPORTATION & PUBLIC FACILITIES  
STATE EQUIPMENT FLEET HEADQUARTERS  
2200 EAST 42ND AVE (RM#316)  
ANCHORAGE, ALASKA 99508

## REQUEST FOR PROPOSAL SEF-1382

### CUSTOM 1,500 GPM PUMPER TRUCK

Pre-proposal Conference: JUNE 23, 2009 @ 9:00 AM  
(Attendance is mandatory for all offerors)

Proposal Opening - Date/Time: JULY 21, 2009 @ 2:00 PM

#### **IMPORTANT NOTICE**

**YOU MUST REGISTER** FOR THIS SOLICITATION ON THE STATE EQUIPMENT FLEET WEBSITE (<http://fleet.alaska.gov>) TO RECEIVE NOTIFICATION OF SUBSEQUENT AMENDMENTS AND/OR OTHER CORRESPONDENCE THAT MAY BE PERTINENT TO THIS SOLICITATION. FAILURE TO REGISTER MAY RESULT IN THE REJECTION OF YOUR PROPOSAL.

**FOR THIS SOLICITATION THE CONTRACTING OFFICER IS  
ABBY BRESHEARS**

EMAIL: [alberta.breshears@alaska.gov](mailto:alberta.breshears@alaska.gov)

PHONE: 907-269-0791

FAX: 907-269-0801

# **TABLE OF CONTENTS**

## **SECTION I**

Introduction and Instructions

## **SECTION II**

Standard Proposal Information

## **SECTION III**

Standard Contract Information

## **SECTION IV**

Scope of Work

## **SECTION V**

Proposal Format and Content

## **SECTION VI**

Evaluation Criteria and Contractor Selection

## **SECTION VII**

Specifications

## **SECTION VIII**

Attachments

## SECTION I

### INTRODUCTION AND INSTRUCTIONS

#### 1.0 RETURN MAILING ADDRESS, CONTACT PERSON, EMAIL ADDRESS, TELEPHONE AND RECEIPT OF PROPOSALS:

- 1.1 Offerors must submit THREE (3) copies of their proposal (one original and two copies), in writing, to the procurement officer in a sealed envelope. It must be addressed as follows:

HQ, State Equipment Fleet  
Attention: Abby Breshears  
Request for Proposal (RFP) Number: SEF-1382  
Project name: Custom 1,500 GPM Pumper Truck  
2200 E. 42<sup>nd</sup> Avenue (Rm#316)  
Anchorage, Alaska 99508  
Email: [Alberta.Breshears@Alaska.gov](mailto:Alberta.Breshears@Alaska.gov)
- 1.2 Proposals must be received no later than **2:00 P.M.**, Alaska Time on **JULY 21, 2009**. Fax and oral proposals are not acceptable.
- 1.3 An offeror's failure to submit its proposal prior to the deadline will cause the proposal to be disqualified. Late proposals or amendments will not be opened or accepted for evaluation.
- 1.4 PROCUREMENT OFFICER: Abby Breshears – PHONE 907-269-0791 - FAX 907-269-0801 - TDD 907-269-0713
- 1.5 One (1) each Request for Proposal (RFP) can be provided by the State of Alaska, upon request. An additional RFP may be purchased at a cost of \$0.25 per page.

#### 2.0 CONTRACT TERM AND WORK SCHEDULE:

- 2.1 The contract term and work schedule set out herein represent the State of Alaska's best estimate of the schedule that will be followed. If a component of this schedule, such as the opening date, is delayed, the rest of the schedule will be shifted by the same number of days.
- 2.2 The approximate contract schedule is as follows:
  - 2.2.1 Pre-proposal Conference **JUNE 23, 2009** at 9:00 AM
    - 2.2.1.1 The purpose of the pre-proposal conference is to discuss the "DRAFT" Request for Proposal (RFP) with the prospective offerors. The conference is an opportunity for prospective offerors, manufacturers and other interested parties, in a conference setting, to discuss Standard Terms and Conditions, Special Terms and Conditions, Specifications, and to provide clarification as needed for this RFP. **All offerors (a representative from the offeror's company) must attend in person or by teleconference in order to submit a proposal.**
    - 2.2.1.2 Pre-proposal conferences are for information only. Any statements made at formal workshops will not be official until verified in the "final" RFP. Participation by teleconference may be possible by making arrangements with the SEF Contracting Office in advance.
  - 2.2.2 Proposals Due **JULY 21, 2009** at 2:00 PM

- 2.2.3 Proposal Evaluation Committee to complete evaluation not later than two (2) weeks after bid opening.
- 2.2.4 State of Alaska to issue Notice of Intent to Award a Contract seven (7) days after evaluation has been completed.
- 2.2.5 State of Alaska issues contract two (2) weeks after Notice of Intent to Award has been issued.

### **3.0 PURPOSE OF THE RFP:**

- 3.1 The Department of Transportation & Public Facilities, HQ State Equipment Fleet, is soliciting proposals for a Custom 1,500 GPM Pumper for the Department of Public Safety, Division of Fire & Life Safety.

### **4.0 BUDGET QUANTITY:**

- 4.1 This is for a single unit, with a budget appropriated at \$350,000.00.

### **5.0 LOCATION OF UNIT:**

- 5.1 Juneau, Alaska and other areas of the state.

### **6.0 ASSISTANCE TO OFFERORS WITH A DISABILITY:**

- 6.1 Offerors with a disability may receive accommodation regarding the means of communicating this RFP or participating in the procurement process.
- 6.2 For more information, contact the procurement officer no later than ten (10) days prior to the deadline for receipt of proposals.

### **7.0 REQUIRED REVIEW:**

- 7.1 Offerors should carefully review this solicitation for defects and questionable or objectionable material.
  - 7.1.1 Comments concerning defects and objectionable material must be made in writing and received by the procurement officer at least ten days before the proposal opening.
  - 7.1.2 This will allow issuance of any necessary amendments.
  - 7.1.3 It will also help prevent the opening of a defective solicitation and exposure of offeror's proposals upon which award could not be made.
  - 7.1.4 Protests based on any omission or error, or on the content of the solicitation, will be disallowed if these faults have not been brought to the attention of the procurement officer, in writing, at least ten (10) days before the time set for opening.

## **8.0 QUESTIONS RECEIVED PRIOR TO OPENING OF PROPOSALS:**

- 8.1 All questions must be in writing and directed to the issuing office, addressed to the procurement officer.
  - 8.1.1 Telephone conversations must be confirmed in writing by the interested party.
- 8.2 Two (2) types of questions generally arise.
  - 8.2.1 One (1) may be answered by directing the questioner to a specific section of the RFP.
    - 8.2.1.1 These questions may be answered over the telephone.
  - 8.2.2 Other questions may be more complex and may require a written amendment to the RFP.
  - 8.2.3 The procurement officer will make that decision.

## **9.0 AMENDMENTS:**

- 9.1 If an amendment is issued, it will be provided to all who have registered with the procurement officer and downloaded the RFP from the State Equipment Fleet website.

## **10.0 ALTERNATE PROPOSALS:**

- 10.1 Offerors may submit more than one proposal for evaluation.
- 10.2 In accordance with 2 AAC 12.830 alternate proposals (proposals that offer something different than what is asked for) will be rejected.

## **11.0 RIGHT OF REJECTION:**

- 11.1 Offerors must comply with all of the terms of the RFP, the State Procurement Code (AS 36.30), and all applicable local, state, and federal laws, codes, and regulations. The procurement officer may reject any proposal that does not comply with all of the material and substantial terms, conditions, and performance requirements of the RFP.
- 11.2 Offerors may not qualify the proposal nor restrict the rights of the State.
  - 11.2.1 If an offeror does so, the procurement officer may determine the proposal to be a non-responsive counter-offer and the proposal may be rejected.
- 11.3 Minor informalities that:
  - 11.3.1 Do not affect responsiveness,
  - 11.3.2 Are merely a matter of form or format,
  - 11.3.3 Do not change the relative standing or otherwise prejudice other offers,
  - 11.3.4 Do not change the meaning or scope of the RFP,
  - 11.3.5 Are trivial, negligible, or immaterial in nature,
  - 11.3.6 Do not reflect a material change in the work, or,
  - 11.3.7 Do not constitute a substantial reservation against a requirement or provision,
  - 11.3.8 May be waived by the procurement officer.
- 11.4 The State reserves the right to refrain from making an award if it determines that to be in its best interest.
- 11.5 A proposal from a debarred or suspended offeror shall be rejected.

## **12.0 STATE NOT RESPONSIBLE FOR PREPARATION COSTS:**

- 12.1 The State will not pay any cost associated with the preparation, submittal, presentation, or evaluation of any proposal.

### **13.0 DISCLOSURE OF PROPOSAL CONTENTS:**

- 13.1 All proposals and other material submitted become the property of the State of Alaska and may be returned only at the State's option.
  - 13.1.1 AS 09.25.110 requires public records to be open to reasonable inspection.
  - 13.1.2 All proposal information, including detailed price and cost information, will be held in confidence during the evaluation process and prior to the time a Notice of Intent to Award is issued.
  - 13.1.3 Thereafter, proposals will become public information.
  - 13.1.4 Trade secrets and other proprietary data contained in proposals may be held confidential if the offeror requests, in writing, that the procurement officer does so, and if the procurement officer agrees, in writing, to do so.
  - 13.1.5 Material considered confidential by the offeror must be clearly identified and the offeror must include a brief statement that sets out the reasons for confidentiality.

### **14.0 SUBCONTRACTORS:**

- 14.1 Subcontractor will not be allowed.

### **15.0 JOINT VENTURES:**

- 15.1 Joint ventures will not be allowed.

### **16.0 OFFEROR'S CERTIFICATION:**

- 16.1 By signature on the proposal, offerors certify that they comply with:
  - 16.1.1 The laws of the State of Alaska,
  - 16.1.2 The applicable portion of the Federal Civil Rights Act of 1964,
  - 16.1.3 The Equal Employment Opportunity Act and the regulations issued there under by the federal government,
  - 16.1.4 The Americans with Disabilities Act of 1990 and the regulations issued there under by the federal government,
  - 16.1.5 All terms and conditions set out in this RFP,
- 16.2 A condition that the proposal submitted was independently arrived at, without collusion, under penalty of perjury,
  - 16.2.1 That the offers will remain open and valid for at least 90 days, and
  - 16.2.2 That programs, services, and activities provided to the general public under the resulting contract conform to the Americans with Disabilities Act of 1990, and the regulations issued there under by the federal government.
- 16.3 If any offeror fails to comply with [a] through [h] of this paragraph, the State reserves the right to disregard the proposal, terminate the contract, or consider the contractor in default.

### **17.0 CONFLICT OF INTEREST:**

- 17.1 Each proposal shall include a statement indicating whether or not the firm or any individuals working on the contract has a possible conflict of interest (e.g., employed by the State of Alaska) and, if so, the nature of that conflict.

- 17.2 The Commissioner, DOT&PF, reserves the right to cancel the award if any interest disclosed from any source could either give the appearance of a conflict or cause speculation as to the objectivity of the program to be developed by the offeror.
- 17.3 The Commissioner's determination regarding any questions of conflict of interest shall be final.

**18.0 RIGHT TO INSPECT PLACE OF BUSINESS:**

- 18.1 At reasonable times, the State may inspect those areas of the contractor's place of business that are related to the performance of a contract.
- 18.2 If the State makes such an inspection, the contractor must provide reasonable assistance.

**19.0 SOLICITATION ADVERTISING:**

- 19.1 Public notice has been provided in accordance with 2 AAC 12.220.

**20.0 NEWS RELEASES:**

- 20.1 News releases related to this RFP will not be made without prior approval of the contracting officer.

**21.0 ASSIGNMENT:**

- 21.1 Per 2 AAC 12.480, the contractor may not transfer or assign any portion of the contract without prior written approval from the procurement officer.

**22.0 DISPUTES:**

- 22.1 Any dispute arising out of this agreement will be resolved under the laws of the State of Alaska.
- 22.2 Any appeal of an administrative order or any original action to enforce any provision of this agreement or to obtain relief from or remedy in connection with this agreement may be brought only in the Superior Court for the State of Alaska.

**23.0 SERERABILITY:**

- 23.1 If any provision of the contract or agreement is declared by a court to be illegal or in conflict with any law, the validity of the remaining terms and provisions will not be affected; and, the rights and obligations of the parties will be construed and enforced as if the contract did not contain the particular provision held to be invalid.

**24.0 FEDERAL REQUIREMENTS:**

- 24.1 The offeror must identify all known federal requirements that apply to the proposal, the evaluation, or the contract.

## **SECTION II**

### **STANDARD PROPOSAL INFORMATION**

#### **1.0 Authorized Signature:**

- 1.1 An individual authorized to bind the offeror to the provisions of the RFP must sign all proposals.
- 1.2 Proposals must remain open and valid for at least ninety (90) days from the opening date.

#### **2.0 Pre-proposal Conference:**

- 2.1 A pre-proposal conference will be held June 23, 2009 at 9:30 AM at 2200 East 42<sup>nd</sup> Street, Anchorage, AK 99508 (Small DOT&PF Conference Room).

#### **3.0 Site Inspection:**

- 3.1 The State may conduct on-site visits to evaluate the offeror's capacity to perform the contract.
- 3.2 An offeror must agree, at risk of being found non-responsive and having its proposal rejected, to provide the State reasonable access to relevant portions of its work sites. Individuals designated by the procurement officer at the State's expense will make site inspection.

#### **4.0 Amendments to Proposals:**

- 4.1 Amendments to or withdrawals of proposals will only be allowed if acceptable requests are received prior to the deadline set for receipt of proposals. No amendments or withdrawals will be accepted after the deadline unless they are in response to the State's request in accordance with 2 AAC 12.290.

#### **5.0 Supplemental Terms and Conditions:**

- 5.1 Proposals including supplemental terms and conditions will be accepted, but supplemental conditions that conflict with those contained in this RFP or that diminish the State's right's under any contract resulting from the RFP will be considered null and void. The State is not responsible for identifying conflicting supplemental terms and conditions before issuing a contract award. After award of contract:
  - 5.1.1 If conflict arises between a supplemental term or condition included in the proposal and a term or condition of the RFP, the term or condition of the RFP will prevail; and
  - 5.1.2 If the State's rights would be diminished as a result of application of a supplemental term or condition included in the proposal, the supplemental term or condition will be considered null and void.

#### **6.0 Clarification of Offers:**

- 6.1 A letter of clarification is required to explain any deviations from terms, conditions, or specifications of this RFP. Offers exceeding RFP specifications are regarded as deviations and should be clarified.
- 6.2 Letters of Clarification are to be on company (offeror's) letterhead and be signed. .
- 6.3 Letters of disclosure and clarification must be made part of the sealed proposal and must be received before proposal opening.



- 6.4 In order to determine if a proposal is reasonably susceptible for award, communications by the procurement officer or the proposal evaluation committee are permitted with an offeror to clarify uncertainties or eliminate confusion concerning the contents of a proposal. Clarifications may not result in a material or substantive change to the proposal. The evaluation by the procurement officer or the proposal evaluation committee may be adjusted as a result of a clarification under this section.

## **7.0 Discussions with Offerors:**

- 7.1 The State may conduct discussions with offerors in accordance with AS 36.30.240 and 2 AAC 12.290. The purpose of these discussions will be to ensure full understanding of the requirements of the RFP and proposal. Discussions will be limited to specific sections of the RFP or proposal identified by the procurement officer. Discussions will only be held with offerors who have submitted a proposal deemed reasonably susceptible for award by the procurement officer. Discussions, if held, will be after initial evaluation of proposals by the PEC. If modifications are made as a result of these discussions they will be put in writing. Following discussions, the procurement officer may set a time for best and final proposal submissions from those offerors with whom discussions were held. Proposals may be reevaluated after receipt of best and final proposal submissions.
- 7.2 If an offeror does not submit a best and final proposal or a notice of withdrawal, the offeror's immediate previous proposal is considered the offeror's best and final proposal.
- 7.3 Offerors with a disability needing accommodation should contact the procurement officer prior to the date set for discussions so that reasonable accommodation can be made. Any oral modification of a proposal must be reduced to writing by the offeror.

## **8.0 Prior Experience:**

- 8.1 In order for offers to be considered responsive offerors must provide the following:
- 8.2 Proof that the offeror is an authorized dealer (if not the manufacturer) of the unit proposed.
- 8.3 The offeror must show that they have the capability of servicing the entire unit including the chassis and any auxiliary equipment provided thereon. This includes certification that their maintenance facility and staff is factory trained to provide service and technical support and have experience on similar units.
- 8.3.1 A users list showing a minimum of ten (10) units of the model being offered, or a similar model, that have been delivered, as new, within the past two (2) years. The users list must include:
- 8.3.1.1 Model and serial number
  - 8.3.1.2 Date delivered
  - 8.3.1.3 Company, or agency name
  - 8.3.1.4 Address
  - 8.3.1.5 Contact Name
  - 8.3.1.6 Phone Number
  - 8.3.1.7 Photos of: A minimum of five (5) each
- 8.4 The users will be contacted and asked to provide information such as warranty history, downtime experience, and general reliability and maintenance history and performance verification. Verify such continuous business activity, such as location, contact lists, financial statements, annual reports and current ISO certifications.
- 8.5 An offeror's failure to meet these minimum prior experience requirements will cause their proposal to be considered non-responsive and their proposal will be rejected.

## **9.0 Evaluation of Proposals:**

- 9.1 The procurement officer, or an evaluation committee made up of at least three State employees or public officials, will evaluate proposals. The evaluation will be based solely on the evaluation factors set out in this RFP.
- 9.2 After receipt of proposals, if there is a need for any substantial clarification or material change in the RFP, an amendment will be issued. The amendment will incorporate the clarification or change, and a new date and time established for new or amended proposals. Evaluations may be adjusted as a result of receiving new or amended proposals.

## **10.0 Vendor Tax ID:**

- 10.1 A valid Vendor Tax ID must be submitted to the issuing office with the proposal or within five days of the State's request.

## **11.0 F.O.B. Point:**

- 11.1 JUNEAU, ALASKA. All goods purchased through this contract will be priced FOB dockside Juneau, Alaska.
- 11.2 The vendor will be required to ship through to final destination per order placed.
- 11.3 Acceptance of unit will be at final destination after inspection for conformity to all terms and conditions of the contract.

## **12.0 Alaska Business License and Other Required Licenses:**

- 12.1 At the time the proposals are opened, all offerors must hold a valid Alaska business license and any necessary applicable professional licenses required by Alaska Statute.
- 12.2 Offerors should contact the Department of Community and Economic Development, Division of Occupational Licensing, P. O. Box 110806, Juneau, Alaska 99811-0806, for information on these licenses.
- 12.3 Offerors must submit evidence of a valid Alaska business license with the proposal.
- 12.4 An offeror's failure to submit this evidence with the proposal will cause their proposal to be determined non-responsive.
- 12.5 Acceptable evidence that the offeror possesses a valid Alaska business license may consist of any one of the following:
  - 12.5.1 Copy of an Alaska business license with the correct SIC code;
  - 12.5.2 Certification on the proposal that the offeror has a valid Alaska business license and has included the license number in the proposal;
  - 12.5.3 A canceled check for the Alaska business license fee;
  - 12.5.4 A copy of the Alaska business license application with a receipt stamp from the State's occupational licensing office; or
  - 12.5.5 A sworn and notarized affidavit that the offeror has applied and paid for the Alaska business license.

## **13.0 Application of Preferences:**

- 13.1 Certain preferences apply to all contracts for professional services, regardless of their dollar value.
- 13.2 The Alaskan Bidder and Offeror preferences are the two most common preferences involved in the RFP process.

- 13.3 Additional preferences that may apply to this procurement are listed below.
- 13.4 Guides that contain excerpts from the relevant statutes and codes, explain when the preferences apply and provide examples of how to calculate the preferences are available at the Department of Administration, Division of General Services' web site:
  - 13.4.1 <http://www.state.ak.us/local/akpages/ADMIN/dgs/policy.htm>
  - 13.4.2 Alaska Products Preference - AS 36.30.332
  - 13.4.3 Recycled Products Preference - AS 36.30.337
  - 13.4.4 Local Agriculture and Fisheries Products Preference - AS 36.15.050
  - 13.4.5 Employment Program Preference - AS 36.30.170(c)
  - 13.4.6 Alaskans with Disability Preference - AS 36.30.170 (e)
  - 13.4.7 Employers of People with Disabilities Preference - AS 36.30.170 (f)
- 13.5 The Division of Vocational Rehabilitation in the Department of Labor and Workforce Development keeps a list of qualified employment programs; a list of individuals who qualify as persons with a disability; and a list of persons who qualify as employers with 50 percent or more of their employees being disabled.
  - 13.5.1 A person must be on this list at the time the bid is opened in order to qualify for a preference under this section.
- 13.6 As evidence of an individual or a business' right to a certain preference, the Division of Vocational Rehabilitation will issue a certification letter.
  - 13.6.1 To take advantage of the Employment Program Preference, Alaskans with Disability Preference or Employers of People with Disabilities Preference described above, an individual or business must be on the appropriate Division of Vocational Rehabilitation list at the time the proposal is opened, and must provide the procurement officer a copy of their certification letter.
  - 13.6.2 Offerors must attach a copy of their certification letter to the proposal.
  - 13.6.3 The offeror's failure to provide the certification letter mentioned above with the proposal will cause the state to disallow the preference.

**14.0 Five (5) Percent Alaskan Bidder Preference:**

- 14.1 2 AAC 12.260 & AS 36.30.170
- 14.2 An Alaskan Bidder Preference of five (5) percent will be applied prior to evaluation. The preference will be given to an offeror who:
  - 14.2.1 Holds a current Alaska business license;
  - 14.2.2 Submits a proposal for goods or services under the name on the Alaska business license;
  - 14.2.3 Has maintained a place of business within the state staffed by the offeror, or an employee of the offeror, for a period of six months immediately preceding the date of the proposal;
  - 14.2.4 Is incorporated or qualified to do business under the laws of the state, is a sole proprietorship and the proprietor is a resident of the state, is a limited liability company organized under AS 10.50 and all members are residents of the state, or is a partnership under AS 32.05 or AS 32.11 and all partners are residents of the state; and

- 14.2.5 If a joint venture, is composed entirely of entities that qualify under (a)-(d) of this subsection.
- 14.2.6 Alaskan Bidder Preference Affidavit
- 14.2.7 In order to receive the Alaskan Bidder Preference, proposals must include a statement certifying that the offeror is eligible to receive the Alaskan Bidder Preference.

## **15.0 Contract Negotiation:**

- 15.1 2 AAC 12.315 CONTRACT NEGOTIATIONS.
  - 15.1.1 After final evaluation, the procurement officer may negotiate with the offeror of the highest-ranked proposal.
  - 15.1.2 Negotiations, if held, shall be within the scope of the request for proposals and limited to those items, which would not have an effect on the ranking of proposals.
  - 15.1.3 If the highest-ranked offeror fails to provide necessary information for negotiations in a timely manner, or fails to negotiate in good faith, the State may terminate negotiations and negotiate with the offeror of the next highest-ranked proposal.
  - 15.1.4 If contract negotiations are commenced, they may be held at the Contracting Officer's office at 2200 E. 42<sup>nd</sup> Avenue, Anchorage Alaska.
  - 15.1.5 The offeror will be responsible for their travel and per diem expenses.

## **16.0 Failure to Negotiate:**

- 16.1 If the selected offeror:
  - 16.1.1 Fails to provide the information required to begin negotiations in a timely manner; or
  - 16.1.2 Fails to negotiate in good faith; or
  - 16.1.3 Indicates they cannot perform the contract within the budgeted funds available for the project; or
  - 16.1.4 If the offeror and the State, after a good faith effort, simply cannot come to terms,
- 16.2 The State may terminate negotiations with the offeror initially selected and commence negotiations with the next highest ranked offeror.

## **17.0 Notice of Intent to Award (NIA) — Offeror Notification of Selection:**

- 17.1 After the completion of contract negotiation the procurement officer will issue a written Notice of Intent to Award (NIA) and send copies to all offerors. The NIA will set out the names and addresses of all offerors and identify the proposal selected for award. The scores and placement of other offerors will not be part of the NIA.

## **18.0 Protest:**

- 18.1 AS 36.30.560; provides that an interested party may protest the content of the RFP.
- 18.2 An interested party is defined in 2 AAC 12.990(a) (7) as "an actual or prospective bidder or offeror whose economic interest might be affected substantially and directly by the issuance of a contract solicitation, the award of a contract, or the failure to award a contract."

- 18.3 If an interested party wishes to protest the content of a solicitation, the protest must be received, in writing, by the procurement officer at least ten days prior to the deadline for receipt of proposals.
- 18.4 AS 36.30.560 also provides that an interested party may protest the award of a contract or the proposed award of a contract.
- 18.5 If an offeror wishes to protest the award of a contract or the proposed award of a contract, the protest must be received, in writing, by the procurement officer within ten days after the date the Notice of Intent to Award the contract is issued.
- 18.6 A protester must have submitted a proposal in order to have sufficient standing to protest the proposed award of a contract. Protests must include the following information;
  - 18.6.1 The name, address, and telephone number of the protester;
  - 18.6.2 The signature of the protester or the protester's representative;
  - 18.6.3 Identification of the contracting agency and the solicitation or contract at issue;
  - 18.6.4 A detailed statement of the legal and factual grounds of the protest including copies of relevant documents; and
  - 18.6.5 The form of relief requested.
- 18.7 Protests filed by telex or telegrams are not acceptable because they do not contain a signature. Fax copies containing a signature are acceptable.
- 18.8 The procurement officer will issue a written response to the protest. The response will set out the procurement officer's decision and contain the basis of the decision within the statutory time limit in AS 36.30.580. A copy of the decision will be furnished to the protester by certified mail, fax or another method that provides evidence of receipt.
- 18.9 All offerors will be notified of any protests. The review of protests, decisions of the procurement officer, appeals, and hearings, will be conducted in accordance with the State Procurement Code (AS 36.30), Article 8 "Legal and Contractual Remedies."

## **SECTION III**

### **STANDARD CONTRACT INFORMATION**

#### **1.0 CONTRACT TYPE:**

- 1.1 This is a fixed price contract.
- 1.2 A fixed price contract is one that obligates the contractor to performance at a specified price.
- 1.3 The State reserves the right to cancel the contract if the contractor fails to properly perform the duties set out herein.

#### **2.0 CONTRACT APPROVAL:**

- 2.1 This RFP does not, by itself, obligate the State.
- 2.2 The State's obligation will commence when the Contracting Office issues Purchase Orders or Delivery Orders.
- 2.3 The State will not be responsible for any work done by the contractor, even work done in good faith, if it occurs prior to the contract start date set by the State or prior to the issue of PO's or DO's.

#### **3.0 STANDARD CONTRACT PROVISIONS:**

- 3.1 The contractor will be required to sign a final contract with all standard and non-standard contract provisions as stipulated in this RFP.
- 3.2 Any objections to the provisions must be addressed in the offerors proposal.

#### **4.0 PROPOSAL AS A PART OF THE CONTRACT:**

- 4.1 Part or all of this RFP and the successful proposal may be incorporated into the contract.

#### **5.0 ADDITIONAL TERMS AND CONDITIONS:**

- 5.1 The State reserves the right to add terms and conditions during contract negotiations.
- 5.2 These terms and conditions will be within the scope of the RFP and will not affect the proposal evaluations.

#### **6.0 INSURANCE REQUIREMENTS:**

- 6.1 The successful offeror must provide proof of workers' compensation insurance prior to contract approval.
- 6.2 The successful offeror must secure the insurance coverage required by the State.
- 6.3 The coverage must be satisfactory to the Department of Administration Division of Risk Management.
- 6.4 An offeror's failure to provide evidence of such insurance coverage is a material breach and grounds for withdrawal of the award or termination of the contract.
- 6.5 Offerors must review form APPENDIX B1 attached, for details on required coverage.

#### **7.0 BID BOND – PERFORMANCE BOND – SURETY DEPOSIT:**

- 7.1 Not applicable to this RFP.

#### **8.0 CONTRACT FUNDING:**

- 8.1 Payment for the contract is subject to funds already appropriated and identified.

## **9.0 PAYMENT PROCEDURES:**

- 9.1 Payment for purchases/agreements under \$500,000 for the undisputed purchase of goods or services provided to a State agency will be made within 30 days of the receipt of a proper billing or delivery of the goods or services to the location(s) specified in the agreement, whichever is later.
- 9.2 A late payment is subject to 1½ (1.5) % interest per month on the unpaid balance.
- 9.3 Interest will not be paid if there is a dispute or if there is an agreement that establishes a lower interest rate or precludes the charging of interest.

## **10.0 CONTRACT PAYMENT:**

- 10.1 No payment will be made until the equipment is delivered and accepted by the State.
- 10.2 This includes the receipt of weight slips, and all manuals as required. Manufacturer's Statement's of Origin (MSO'S OR MCO'S) to be delivered after payment of equipment is made.
- 10.3 The State is not responsible for and will not pay local, state, or federal taxes.
- 10.4 All costs associated with the contract must be stated in U.S. currency.

## **11.0 CONTRACT ADMINISTRATION:**

- 11.1 The administration of this contract, including any/all changes, is the responsibility of the Contacting Officer, HQ State Equipment Fleet

## **12.0 INSPECTION AND MODIFICATION:**

- 12.1 Reimbursement for Unacceptable Deliverables:
- 12.2 The contractor is responsible for the completion of all work set out in the contract.
- 12.3 Substantial failure of the contractor to perform the contract may cause the State to terminate the contract.
- 12.4 In this event, the State may seek associated damages.

## **13.0 TERMINATION FOR DEFAULT:**

- 13.1 If the contracting officer determines that the contractor has refused to perform the work or has failed to perform the work with such diligence as to ensure its timely and accurate completion, the State may, by providing written notice to the contractor, terminate the contractor's right to proceed with part or all of the remaining work.

## **14.0 LIQUIDATED DAMAGES FOR LATE DELIVERY:**

- 14.1 Time is of the essence in this contract.
- 14.2 The offeror is expected to deliver goods that conform in all material respects to the contract specifications on or before the date provided therein, as may be amended by written agreement of the parties.
- 14.3 In the event that the goods are delivered late or in the event that the goods do not conform in all material respects to the contract specifications, the State shall be entitled to offset against the Contract Price, as liquidated damages and not as a penalty, an amount equal to **\$285.00** multiplied by the number of calendar days elapsing between the delivery date provided in the specifications and the date that conforming goods are delivered to the State.
- 14.4 The number of days for which liquidated damages shall apply shall include, in the case of non-conforming goods, the time reasonably necessary for the State to inspect the goods.

- 14.5 These liquidated damages represent a reasonable estimate of amounts necessary to compensate the State for loss of use of the goods during the period in which the goods would have been available to the State if conforming goods had been timely delivered.
- 14.6 These liquidated damages for late delivery are not the exclusive remedy available to the State, but are in addition to all other actual damages that the State may incur by reason of late delivery or by reason of delivery of nonconforming goods.

#### **15.0 CONTRACT CHANGES – UNANTICIPATED AMENDMENTS:**

- 15.1 During the course of this contract, the contractor may be required to perform additional work.
- 15.2 That work will be within the general scope of the initial contract.
- 15.3 When additional work is required, the contracting officer will provide the contractor a written description of the additional work and request the contractor to submit a firm time schedule for accomplishing the additional work and a firm price for the additional work.
- 15.4 Cost and pricing data must be provided to justify the cost of such amendments per AS 36.30.400.
- 15.5 The contractor will not commence additional work until the contracting officer has issued an amendment to the original Purchase Order or Delivery Order.

#### **16.0 CONTRACT INVALIDATION:**

- 16.1 If any provision of this contract is found to be invalid, such invalidation will not be construed to invalidate the entire contract.

#### **17.0 DELIVERY:**

- 17.1 All deliveries shall be F.O.B. final destination point with all transportation and handling charges paid by bidder.
- 17.2 Responsibility and liability for loss or damage shall remain with bidder until final inspection and acceptance when responsibility shall pass to the State except as to latent defects, fraud and bidder's warranty obligations.

#### **18.0 FINAL INSPECTION:**

- 18.1 Goods furnished under this contract are subject to inspection and test by the State at times and places determined by the State.
- 18.2 If the State finds goods furnished to be incomplete or not in compliance with bid specifications, the State may reject the goods and require bidder to either correct them without charge or deliver them at a reduced price, which is equitable under the circumstances.
- 18.3 If bidder is unable or refuses to correct such goods within a time deemed reasonable by the State, the State may cancel the order in whole or in part. Nothing in this paragraph shall adversely affect the State's rights as buyer, including all remedies and rights granted by Alaska statutes.
- 18.4 For compliance to specifications, the final inspection will be conducted at FOB point.



## **SECTION IV**

### **SCOPE OF WORK**

#### **1.0 SCOPE OF WORK:**

- 1.1 The Department of Transportation & Public Facilities is contracting for a Custom 1,500 GPM Fire Apparatus for the Department of Public Safety, Division of Fire & Life Safety.
- 1.2 This is for a single outright purchase. The successful offeror will be responsible for providing all the deliverables as listed below.

#### **2.0 DELIVERABLES:**

- 2.1 The contractor will be required to provide the following deliverables:
  - 2.1.1 A new, and of the manufacturer's latest current production model and design, Custom 1,500 GPM Pumper Truck.
  - 2.1.2 Unit must be able to operate in weather conditions to minus 60 degrees Fahrenheit and navigate over rutted terrain.
- 2.2 Wiring Diagrams:
  - 2.2.1 Complete vehicle assembly floor documents and electrical schematic diagrams.
  - 2.2.2 Generic schematics will only be acceptable as an addendum to the required diagrams.
- 2.3 Product Brochure:
  - 2.3.1 A basic manufacturer's product brochure must be provided.
  - 2.3.2 This brochure must describe the unit being offered.
- 2.4 Specifications:
  - 2.4.1 Provide documentation such as literature, testing results, etc., to clarify the offer. All explanations must be on company letterhead and signed by an officer of the company.
- 2.5 Delivery Offered:
  - 2.5.1 Please state the delivery time offered, FOB JUNEAU, ALASKA. In number of calendar days after receipt of order.
- 2.6 Warranty:
  - 2.6.1 The offeror must detail all terms and conditions of the warranty offered.
  - 2.6.2 As part of the cost proposal, the offeror will price a one (1) and a two (2) year warranty package.
  - 2.6.3 A full 100% warranty package for two (2) years is preferred.
  - 2.6.4 The warranty should include parts, travel and labor at the assigned location.

- 2.7 Parts Availability:
  - 2.7.1 Offeror must provide certification of crucial parts availability, to include wear parts that could result in extended down time for the unit.
  - 2.7.2 A list of those parts shall be included with the offer.
- 2.8 Publications:
  - 2.8.1 One (1) set of parts, service and operators manuals are to be supplied with the unit.
    - 2.8.1.1 The offeror must certify that the purchaser will receive all amendments and updates to parts catalogs or service manuals for a period of three (3) years.
  - 2.8.2 Parts books are to contain cross-references between the required OEM and vendor or suppliers part number.
  - 2.8.3 Service manuals must cover all component tear down and testing. To include service, inspection interval and lube charts.
  - 2.8.4 The offeror must indicate what media type the manuals are available in, i.e., paper, CD, microfiche, etc.
  - 2.8.5 The cost of these publications must be detailed on the cost proposal.
  - 2.8.6 A sample of the parts, service and operators manual (one copy only) must be submitted with the proposal.
- 2.9 Training:
  - 2.9.1 The contractor will be required to provide a training program for operation and maintenance.
  - 2.9.2 Training is to cover operation and maintenance of vehicle and systems.
  - 2.9.3 Specific items that must be covered include electronic engine, hydraulics and other systems diagnosis and maintenance related to equipment provided.
  - 2.9.4 Training is to be performed by a certified manufacturer's operator/mechanic not a sales representative.
  - 2.9.5 The offeror will detail the training program and provide pricing as part of the cost proposal.
- 2.10 Performance and Maintenance Testing:
  - 2.10.1 The offeror must certify that their unit complies with all existing NFPA, OSHA, ANSI, SAE, ISO 9,000 or equivalent, and IATA Standards in structural design, quality and manufacturing practice. If equivalent standards are used a detailed explanation of how the requirement will be met is to be included.
  - 2.10.2 Offers must also certify their unit can perform in all environmental conditions as noted in (A) above.
  - 2.10.3 Certification can include testing done by other airports and testing performed by the manufacturer.
  - 2.10.4 A copy of the test procedures and results must be included with the proposal.

2.11 Pilot Inspection:

- 2.11.1 Successful bidder will be required to provide a pilot inspection of the unit prior to shipment from manufacturer's plant. The successful bidder is to provide the State with a minimum 30 days notice prior to pilot inspection.
- 2.11.2 Prior to shipment from the manufacturer's plant, representatives of the State will inspect the **COMPLETED** unit for conformance to specifications.
- 2.11.3 The completed unit, component equipment, and accessories shall be inspected and/or tested by the bidder or bidder's contractor for compliance with specifications, **PRIOR** to the arrival of the State inspection team. The State reserves the right to appoint an independent inspector at the State's expense to periodically monitor the progression of the unit during the manufacturing process.
  - 2.11.3.1 It is required that the bidder have its representative present at the Pilot Inspection.
- 2.11.4 The Contractor shall provide full access to the State's inspector(s) or their designee(s) to the plant(s) including the plant(s) subcontractors where manufacture is taking place.
- 2.11.5 These inspections by the State shall be thorough and very critical, and will encompass a complete review of the specifications. Adequate time and technical personnel shall be made available to assist the State in these inspections.
- 2.11.6 Inspection trip costs
  - 2.11.6.1 Bidder will supply round trip coach "Y" full airfare (tickets to have capability of departure date changes without an additional cost to the State of Alaska), with open arrival and departure times, for two (2) inspectors to the manufacturer's plant. One inspector will depart from **Juneau**, the other, the State Equipment Fleet specification writer, from **Anchorage**.
- 2.11.7 Per Diem for each of the inspectors shall be at a rate of \$150.00 per day each (travel day + two (2) inspection days + travel day).
- 2.11.8 The successful vendor shall assist by booking lodging reservations. The State inspectors will pay meals and lodging.
- 2.11.9 The successful vendor shall arrange and furnish all ground transportation necessary to conduct the inspection.
- 2.11.10 While the State recognizes contractual responsibility in testing, the State reserves the exclusive right to reduce the number of inspectors when and if that action seems prudent. If the number of inspectors is reduced, the Contractor will return to the State all monies saved by that action within 30 days following the actual inspection. It shall be the responsibility of the State inspector(s) to technically inspect and test the unit for compliance with the specifications.
- 2.11.11 It shall be the responsibility of the Contracting Authority Representative to observe the inspection and test to assure compliance with the published terms, conditions, and specifications of the bid, and to mediate any disputes, which may arise between the manufacturer and the Department of Transportation's representatives.

## **SECTION V**

### **PROPOSAL FORMAT AND CONTENT**

#### **1.0 PROPOSAL FORMAT AND CONTENT:**

- 1.1 The State discourages overly lengthy and costly proposals, however, in order for the State to evaluate proposals fairly and completely, offerors must follow the format set out in this RFP and provide all information requested.

#### **2.0 INTRODUCTION:**

- 2.1 Proposals must include the complete name and address of offeror's firm and the name, mailing address, and telephone number of the person the State should contact regarding the proposal.
- 2.2 Proposals must confirm that the offeror will comply with all provisions in this RFP; and, if applicable, provide notice that the firm qualifies as an Alaskan bidder.
- 2.3 Proposals must be signed by a company officer empowered to bind the company.
- 2.4 An offeror's failure to include these items in the proposals may cause the proposal to be determined to be non-responsive and the proposal may be rejected.

#### **3.0 PROJECT INFORMATION:**

- 3.1 The offeror should insure that the following information is addressed in their proposal, using the checklist provided, and Section 4.Item 2- Deliverables.
- 3.2 Company and Proposal Information
- 3.3 Custom **1,500** GPM Pumper Truck, including delivery.
- 3.4 Warranty (levels of warranty should be priced separately in the cost proposal)
- 3.5 Parts
- 3.6 Publications (priced separately in the cost proposal)
- 3.7 Training (priced separately in the cost proposal)

#### **4.0 COST PROPOSAL:**

- 4.1 Three copies (one original and two copies) of the cost proposal must be submitted with the proposal under separate cover. The cost proposals must include all items as shown in Attachment C, but it is not required that offerors use that form.

#### **5.0 EVALUATION CRITERIA:**

- 5.1 All proposals will be reviewed to determine if they are responsive. They will then be evaluated using the criteria set out in Section VI.
- 5.2 An evaluation may not be based on discrimination due to the race, religion, color, national origin, sex, age, marital status, pregnancy, parenthood, disability, or political affiliation of the offeror.
- 5.3 A proposal shall be evaluated to determine whether the offeror responds to the provisions, including goals and financial incentives, established in the request for proposals in order to eliminate and prevent discrimination in State contracting because of race, religion, color, national origin, sex, age, marital status, pregnancy, parenthood, or disability.

## **SECTION VI EVALUATION CRITERIA AND CONTRACTOR SELECTION**

**THE TOTAL NUMBER OF POINTS USED TO SCORE THIS CONTRACT IS 100**

### **1.0 PROJECT INFORMATION – COMPANY, PROPOSAL, CUSTOM 1,500 GPM PUMPER TRUCK INFORMATION, PERFORMANCE AND MANUFACTURING CERTIFICATION:**

#### **Total Points – 5**

- 1.1 Was the proposal submission complete and did the offeror demonstrate, overall, they understood the requirements of the RFP?
- 1.2 Reference Section II Item 8- Prior Experience.
- 1.3 Did the proposal provide the following information?
  - 1.3.1 Proof the offeror is an authorized dealer (if not the manufacturer) of the unit proposed.
- 1.4 Did the offeror show that they have the capability of servicing the entire unit including the chassis and any auxiliary equipment provided thereon? This includes certification that their staff is factory trained to provide service and technical support and have experience on similar units.
- 1.5 Did the user provide a users list?
  - 1.5.1 The users list must include:
    - 1.5.2 Model and serial number.
    - 1.5.3 Date delivered.
    - 1.5.4 Company or agency name.
    - 1.5.5 Address
    - 1.5.6 Contact Name.
    - 1.5.7 Phone Number.
    - 1.5.8 Pictures
- 1.6 When contacted, were the users able to provide information such as warranty history, downtime experience, general reliability and maintenance history and performance verification?
- 1.7 Did the offeror verify such continuous business activity, such as location, contact lists, financial statements, annual reports and current ISO certifications?
- 1.8 Does the offeror have an Alaska Business License or has one currently been applied for?
- 1.9 Did the offeror detail any objections to the provisions, standard and non-standard contract provisions within the RFP?
- 1.10 Did the offeror submit documentation showing they can provide the required insurance certificates as noted in Section III, Standard Contract Information, 6.0?

- 1.11 Did the offeror submit a manufacturer's product brochure describing the unit being offered?
  - 1.11.1 Did the brochure offer adequate information substantiating that the unit could meet the specifications, including those design/build changes as noted by the offeror?
- 1.12 Did the offeror submit a conceptual drawing of the pump panel to allow the students the ability to visualize the interior of the pump panel during actual operation?
- 1.13 Did the offeror submit the ergonomic benefits as designed for ease of operation for students and trainers?
- 1.14 Did the offeror provide a detailed explanation of all questions/statement?
- 1.15 Did the offeror include literature, testing results or other information to provide clarification to their offer?
- 1.16 Did the offeror certify that their unit meets all performance and manufacturing requirements and certification?
- 1.17 If so, did they provide copies of the test procedures and results from prior tests?
- 1.18 Do the test procedures and results as submitted substantiate the offerors claim?
- 1.19 Were the tests performed on the same make/model of the unit being offered?
- 1.20 What delivery was offered for the unit, after the date of order?

## **2.0 PROJECT INFORMATION – WARRANTY, PARTS AND PUBLICATIONS:**

### **Total Points – 5**

- 2.1 Did the offeror detail all terms and conditions of the warranty?
- 2.2 Does the warranty include parts, labor and travel?
- 2.3 Is the warranty package of one, two or three year duration?
- 2.4 Did the offeror certify parts availability showing that the unit would experience limited down time due to wear or crucial parts breakage?
- 2.5 Did the offeror detail which wear and crucial parts will be stocked at their or their subcontractor's facility?
- 2.6 Was a sample of the parts, service and operator manual submitted with the offerors proposal?
- 2.7 Did the offeror indicate what media type the publications were available in and that they understood the requirement for insuring that the State receives all amendments and updates to publications in a timely manner?

## **3.0 PROJECT INFORMATION – TRAINING:**

### **Total Points – 7.5**

- 3.1 Did the offeror provide a detailed apparatus-training scenario?
- 3.2 Did the offeror provide innovative training concepts enhancing the student's ability to operate the apparatus in its entirety?

- 3.3 Did the offeror detail the safety design of the apparatus to show the protection of the student and trainer in and around the vehicle?
- 3.4 Did the offeror detail the training program as described in the deliverables?
- 3.5 Does the training as outlined fit the State's requirements?

#### **4.0 PROJECT INFORMATION - DESIRED COMPONENTS:**

##### **Total Points – 7.5**

- 4.1 Did the offeror include literature, drawings or other information to provide clarification of their offer?
- 4.2 Did the offeror include a proposal for all the Desirable Components?
- 4.3 Did the offeror's proposal provide desired components which exceed the items mentioned in the RFP?
- 4.4 Did the offeror include any new (cutting edge technology) components that exceed the NFPA requirements?

#### **5.0 CONTRACT COST:**

##### **Total Points – 65**

- 5.1 Overall, a minimum of 65 of the total evaluation points will be assigned to cost. One may affect the cost amount used for evaluation with one or more preferences. Reference Section II – Standard Proposal Information, Paragraph 13. Application of Preferences.
- 5.2 Offerors must attach a copy of their certification letter to the proposal. The offeror's failure to provide the certification letter mentioned above with the proposal will cause the State to disallow the preference.

#### **6.0 ALASKAN OFFEROR'S PREFERENCE:**

##### **Total Points – 10**

- 6.1 If an offeror qualifies for the Alaskan Bidder Preference, the offeror will receive an Alaskan Offeror's Preference. The preference will be 10 percent of the total available points. This amount will be added to the overall evaluation score of each Alaskan offeror.

#### **7.0 CONVERTING COST TO POINTS:**

- 7.1 The distribution of points based on cost will be determined as set out in 2 AAC 12.260.
- 7.2 The lowest cost proposal will receive the maximum number of points allocated to cost. The point allocations for cost on the other proposals will be determined through the method set out below.

### **EXAMPLE**

List all proposal prices, adjusted where appropriate by the application of all applicable preferences.

Offeror #1	-	Non-Alaskan Offeror	\$40,000
Offeror #2	-	Alaskan Offeror	\$42,750
Offeror #3	-	Alaskan Offeror	\$47,500

Convert cost to points using this formula:

$$\frac{[(\text{Price of Lowest Cost Proposal}) \times (\text{Maximum Points for Cost})]}{(\text{Cost of Each Higher Priced Proposal})} = \text{POINTS}$$

The RFP allotted 70% (70 points) of the total of 100 points for cost.

**Offeror #1 receives 70 points.**

The reason they receive that amount is because the lowest cost proposal, in this case \$40,000, receives the maximum number of points allocated to cost, 70 points.

**Offeror #2 receives 65.5 points.**

$$\begin{array}{ccccccc} \$40,000 & \times & 70 & = & 2,800,000 & \div & \$42,750 & = & 65.5 \\ \text{Lowest Cost} & & & & \text{Max Points} & & \text{Offeror \#2} & & \text{Points} \end{array}$$

**Offeror #3 receives 58.6 points.**

$$\begin{array}{ccccccc} \$40,000 & \times & 70 & = & 2,800,000 & \div & \$47,500 & = & 58.9 \\ \text{Lowest Cost} & & & & \text{Max Points} & & \text{Offeror \#3} & & \text{Points} \end{array}$$



## **SECTION VII SPECIFICATIONS**

June 09, 2009

### **INTENT OF SPECIFICATION:**

It shall be the intent of these specifications to cover the furnishing and delivery of a complete diesel powered custom 1,500 GPM fire apparatus to be used by the Fire Training Center. These specifications cover the basic needs of the Fire Training Center, along with performance requirements.

This unit shall consist essentially of a six (6) man crew cab on a 4x2, custom or commercial chassis with dual tires on the rear drive axle. It shall be a single engine design with an automatic transmission.

The unit shall be new, unused and of the manufacturer's latest current production model and design. The unit must be able to operate in arctic weather conditions, which at times are minus 60 degrees Fahrenheit.

### **DOCUMENTATION REQUIRED:**

Please provide a manufacturer's standard brochure and/or a technical data sheet. This brochure must describe the unit being offered.

Supporting documentation in the form of a product brochure, manufacturer's technical data sheet, or a letter of clarification which indicates specifically what the offeror intends to supply in regard to said items and/or how specifications will be met.

### **MANUFACTURER'S AUTHORIZATION:**

The successful offeror must be the manufacturer of the product offered or shall provide, if requested, within ten (10) days from the Notice of Intent to Award, evidence from an official of the manufacturer, stating that the proposer is qualified AS AN AUTHORIZED DEALER OR RESELLER and has the authority to sell the product being offered and pass the manufacturer's warranty through the State with all first holder benefits of the warranty. Failure to provide the required documentation within ten (10) days after issue of the Notice of Intent to Award may, at the State's discretion, result in the termination of the award.

## **MANDATORY REQUIREMENTS**

### **1.0 CUSTOM CAB SPECIFICATIONS – MANDATORY REQUIREMENTS**

- 1.1 The cab and chassis shall be a 2009 or newer model rear axle drive and shall meet all Federal and State of Alaska Motor Vehicle Safety Standards and N.F.P.A Standard #1901.
- 1.2 A four (4) door commercial or custom cab that is sufficiently constructed and supported to withstand the terrain and conditions of the State of Alaska.
- 1.3 Minimum ground clearance of 14 inches.
- 1.4 Braking system must include Anti-Lock Brake System for all brakes.
- 1.5 All emergency lighting and warning devices shall comply with NFPA 1901 standards and shall be controlled by a sequential emergency lighting power controller, in addition to standard individual switches.
- 1.6 All clearance lights and reflectors shall comply with Federal D.O.T. standards.

- 1.7 Lights will be mounted under the vehicle to illuminate the area immediately around the apparatus
- 1.8 Padded sun visors shall be provided.
- 1.9 A heating system capable of keeping the apparatus cab warm and its windows clear of frost and ice in sub-arctic conditions. The highest BTU output heater for the specified chassis will be provided.
- 1.10 Two (2) air operated twenty-four (24) inch air horns flush mounted in the front bumper. The air horns shall be controlled by the driver through the horn button in the steering wheel and by the passenger through a dash-mounted control.
- 1.11 The highest output alternator available for the selected chassis / motor combination will be provided. Capacities of the alternator electrical generating system will be specified.
- 1.12 A Code 3 MX Model # 7000 double tier light bar, or State pre-approved equivalent, mounted on the roof of the cab. Light bar shall have red lenses on the top and clear lenses on the bottom, two (2) rotators on each side with the inboard being high speed, two (2) front red flashing lights on the bottom tier, and clear intersection sweep lights on each side.
- 1.13 One siren control unit, with attached noise canceling microphone to be center mounted in the cab. The unit should be capable of driving two (2) 100-watt (minimum) siren speakers. Operating modes shall include Hi-Low, Wail, Yelp, P.A., Air Horn, and Radio Rebroadcast. Two (2) 100-watt (minimum) siren speakers, to be flush mounted in the front bumper.
- 1.14 This vehicle shall be equipped with factory air conditioning.
- 1.15 The main instrument panel shall include the following items:
  - 1.15.1 Dual needle air pressure gauge with individual warning lights (red) and audible alarms for front and rear
  - 1.15.2 Oil pressure gauge with low pressure warning light (red) and audible alarm
  - 1.15.3 Transmission temperature gauge with high temperature warning light (red) and audible alarm
  - 1.15.4 Voltmeter and integral high/low voltage warning light (red) and audible alarm
  - 1.15.5 Fuel gauge with integral low fuel warning light (red)
  - 1.15.6 Water temperature gauge with integral high temperature warning light (red) and audible alarm
  - 1.15.7 Electronic speedometer with totaling odometer and trip odometer
  - 1.15.8 Tachometer
  - 1.15.9 Engine Hour Meter
  - 1.15.10 Air intake restriction indicator with reset button
  - 1.15.11 Headlight switch
  - 1.15.12 Dash light dimmer switch
  - 1.15.13 Headlight high beam indicator light (blue)
  - 1.15.14 Two directional indicator lights (green)
  - 1.15.15 Windshield wiper rocker switch
  - 1.15.16 Windshield wiper delay control and momentary washer control

- 1.15.17 Ignition on/off engine start switch
- 1.15.18 Parking brake warning light (red)
- 1.15.19 Electric horn/air horn selector switch
- 1.15.20 "High Idle" switch with guarded cover
- 1.15.21 Compartment door ajar warning system (both visual and audible)
- 1.16 The cab shall be equipped with a total of two (2) High Intensity Streamlight "Litebox" Brand hand-held floodlights (orange in color) with chargers. **"NO EXCEPTIONS"**. Chargers shall be wired into the apparatus electrical system to provide charging at all times, even when the ignition and Master Power Switch is in the off position.
- 1.17 Cab seating shall be configured to accommodate the driver and five passengers. The driver's seat only will be an air ride adjustable type. The passenger seats will be firefighter's seats that will hold one S.C.B.A. airpak with 30 minute bottle each, designed for rapid deployment.
- 1.18 Exterior mirrors will be heated, with an on/off switch controlled by the driver. The mirrors will be individually remote controlled from the driver's position. Each mirror will contain an integral convex section, which will be manually controlled.
- 1.19 Steps and handholds for entering and exiting the apparatus, as well as getting into the hose beds
- 1.20 The color of all seats, upholstery, and liners shall be gray or black.
- 1.21 Cab interior lights will NOT be mounted directly over the seats of the driver or passenger.
- 1.22 A drawing of the layout of the dash instrument panel shall be included with the manufacturer's specifications.
- 1.23 Steps and handholds for entering and exiting the apparatus, as well as getting into the hose beds, must be detailed in the manufacturer's specifications.
- 1.24 Storage areas inside the cab must be detailed in the manufacturer's specifications.
- 1.25 The manufacturer's specifications must outline the lighting for the interior of the cab, for the most efficient placement of lighting for use while driving, or preparing for response.

## **2.0 CHASSIS SPECIFICATIONS - MANDATORY REQUIREMENTS:**

- 2.1 The chassis frame shall be of sufficient construction and integrity to prevent any warping, metal fatigue, or stress while operating in the variable terrain and arctic conditions found in the State of Alaska.
- 2.2 The total apparatus length shall not exceed thirty-three feet six inches (33 feet 6 inches). **"NO EXCEPTIONS"**.
- 2.3 The overall apparatus height, including any additional mounted equipment, shall not exceed fifteen feet (15 feet). **"NO EXCEPTIONS"**.
- 2.4 Four (4) steel tow eyes of sufficient size to support TOWING and LIFTING the apparatus shall be attached to the frame, two (2) at the front and two (2) at the rear of the apparatus.
  - 2.4.1 The front of the apparatus shall have a reinforced frame to assist in the lifting of the apparatus.
- 2.5 The apparatus shall be equipped with integral power steering. The manufacturer's specifications should detail the power steering system.
- 2.6 The apparatus fuel tank must meet all NFPA Standards, and include bottom drain with magnetic plug and minimum of sixteen (16) inches ground clearance.

- 2.6.1 The capacity shall be a minimum of fifty (50) U.S. gallons.
- 2.7 All factory-installed lubricants must be replaced with arctic climate compatible lubricants prior to arrival at the FOB point.
  - 2.7.1 All fluids will be specified as to manufacturer brand name, manufacturer specification number(s), viscosity, etc.
- 2.8 The axles to be used on the apparatus must be detailed in the manufacturers' specifications.
- 2.9 The braking system used on the apparatus must be detailed in the manufacturers' specifications.
- 2.10 Remote controlled heated mirrors.
- 2.11 Automatic tire chains. The apparatus will be equipped with pneumatic, driver operated, "On-Spot" brand automatic tire chains, mounted to manufacturer specifications. **"NO EXCEPTIONS"**.

### **3.0 ENGINE - MANDATORY REQUIREMENTS:**

- 3.1 Minimum: The engine shall be rated at a minimum of 400 Horsepower. The engine shall be rated for the chassis. NOTE: A California Emissions engine will not be acceptable.
- 3.2 There must be a service facility within the Juneau, Alaska area capable of providing engine and transmission warranty work at the time of delivery.
- 3.3 An engine or transmission retarder / braking system that meets NFPA 1901 requirements and Department Of Transportation standards must be included with this apparatus. A "Jacobs" engine retarder system, or similar type, is preferred.
- 3.4 The engine exhaust shall be run up through the pump compartment to take advantage of the engine exhaust heat. Auxiliary heating systems will be accepted. The exhaust will exit the pump compartment and terminate at a height not to exceed the highest point of any part of the apparatus, side venting is also acceptable.
- 3.5 The following items must be detailed in the apparatus manufacturers specifications:
  - 3.5.1 Fuel filter system
  - 3.5.2 Air intake system
  - 3.5.3 Engine governor
  - 3.5.4 Engine cooling system (including clutch type fan)
  - 3.5.5 120 volt coolant (engine block) heater
  - 3.5.6 Arctic grade lubricants

### **4.0 TRANSMISSION / DRIVE TRAIN - MANDATORY REQUIREMENTS:**

- 4.1 The apparatus shall be equipped with an Allison World HD-4060 automatic transmission, or a transmission of similar capabilities.
  - 4.1.1 The transmission shall be geared to allow for a maximum speed of 65 miles per hour.
  - 4.1.2 The transmission shall be compatible with the engine specified and shall be designed for Fire Service use.
  - 4.1.3 A transmission lock-up device shall be installed in the transmission to prevent shifting of gears during pumping operations.
    - 4.1.3.1 Lock-up shall deactivate when pump gear is not engaged.

## **5.0 ELECTRICAL SYSTEM - MANDATORY REQUIREMENTS:**

- 5.1 The complete electrical system must be detailed in the manufacturers' specifications.
  - 5.1.1 A complete set of VEHICLE ASSEMBLY FLOOR DOCUMENTS - ELECTRICAL SCHEMATIC DIAGRAMS shall be provided at the time of delivery.
- 5.2 All electrical equipment installed by the apparatus manufacturer shall conform to the latest edition of N.F.P.A. # 1901.
- 5.3 Wiring and/or electrical equipment shall not interfere with the operation of any radio equipment.
  - 5.3.1 The wiring to the apparatus body shall have an "interface point", to separate it from the cab wiring.
- 5.4 An On and Off Master Battery disconnect switch will be installed in a location convenient for the driver.

## **6.0 TIRES AND WHEELS - MANDATORY REQUIREMENTS:**

- 6.1 The tires and wheels to be used on the apparatus must be detailed in the manufacturer's specifications.
- 6.2 All wheels shall be 22.5 inch hub-pilot type wheels
- 6.3 One spare front wheel and tire and one spare rear wheel and tire shall be provided, if different sizes. If all are the same size, one spare wheel and tire shall be provided.
- 6.4 Two (2) mounted aluminum wheel chocks shall be included and mounted under the body on the drivers' side of the vehicle just forward of the front dual axle.
- 6.5 Front and rear mud flaps shall be included.

## **7.0 APPARATUS BODY - MANDATORY REQUIREMENTS:**

- 7.1 The apparatus body shall be constructed of sufficient size and support to prevent metal fatigue, stress or warping under the driving conditions found in the State of Alaska.
- 7.2 The manufacturers' specifications must detail the material to be used, construction techniques, door construction, door latch mechanisms, steps and handholds.
- 7.3 Compartments shall be designed and constructed to support a minimum of 300 pounds of equipment in each.
- 7.4 Left side upper rear compartment(s) must have sufficient room and panel strength to be capable of storing minimum four (4) complete SCBA with 30 minute bottles, in SCBA brackets. SCBA 30 minute bottle brackets will be installed by the manufacturer.
- 7.5 Compartment seams shall be sealed by using a pliable silicone caulk, suitable for an arctic climate.
- 7.6 Compartments shall be louvered for adequate ventilation. Louvers shall not allow rain or road mist to enter the compartment.
- 7.7 Body components shall be manufactured from 12 gauge aluminum or equivalent
- 7.8 Sufficient tailboard to facilitate loading rear hose bed shall be provided.
- 7.9 Sufficient handrails and steps to facilitate safely climbing onto the tailboard and onto the hose beds shall be provided.
- 7.10 Replaceable rub rails on the sides of the body shall be provided.
  - 7.10.1 Rub protection will also be provided for cab and body corners, as well as any other location that deployed pre-connected hose may rub.

- 7.11 An open hose bed located above the water tank shall be provided.
  - 7.11.1 The hose bed will have adjustable dividers.
  - 7.11.2 This hose bed will be designed to accommodate the following:
    - 7.11.2.1 One (1) pre-connect of 200-feet of 3-inch double jacket fire hose, located on the left side;
    - 7.11.2.2 Remainder of hose bed will accommodate one bed of 1,000 feet of 5 inch LDH in 100 foot sections with Stortz couplings, OR Two beds of 800 feet each of 3-inch double jacket fire hose.
- 7.12 Any unused space above the water tank will be designed to be a dunnage area for equipment mounting and storage.
- 7.13 The tops of external compartments shall be constructed from polished aluminum tread plate.
- 7.14 Two (2) light support brackets shall be supplied at the rear of the apparatus for emergency lights.

## **8.0 COMPARTMENTATION - MANDATORY REQUIREMENTS:**

NOTE: Compartmentation design will be finalized at time of order.

- 8.1 All compartments shall utilize all available space and shall be as large as possible. There shall be no wasted space or hidden potential compartment space.
- 8.2 All available unused space around the water tank shall be detailed.
- 8.3 Proposals will include drawings of recommended compartmentation for the apparatus being supplied.
- 8.4 Each compartment listed will have minimum one (1) adjustable shelf.
- 8.5 All compartments will have “rope” or ROM strip lighting inside the compartment, positioned for maximum illumination of the compartment and so as to not block equipment storage or removal.
  - 8.5.1 The “rope” lighting or ROM Strip lighting will be 12-volt and will be designed to function the same as standard compartment lighting with the opening of the compartment door.
- 8.6 All compartment doors will open from the outside, with latch handles on the outside of all doors. Roll up doors are preferable, but latch will be accepted.
- 8.7 One (1) large roll up door or double door at the rear of the apparatus shall be provided.
- 8.8 Storage space for spare SCBA bottles shall be provided in front of, and behind, the rear axles on each side.
  - 8.8.1 This space shall be utilized for maximum bottle storage.
  - 8.8.2 Bottles to be stored are standard 30-minute capacity bottles.
  - 8.8.3 Minimum storage capacity shall be at least two (2) bottles per side.
- 8.9 A pneumatically operated water chute shall be located between the rear axles on each side of the apparatus. These chutes shall be controlled from the cab.
- 8.10 A ladder rack or storage area shall be located on the apparatus capable of lifting/housing
  - 8.10.1 One (1) Thirty Five (35) foot three-section extension ladder,
  - 8.10.2 One (1) fourteen (14) foot roof ladder, and

8.10.3 One attic ladder shall be provided.

8.10.4 LADDER RACK ONLY - When in the stowed position the ladders will be located above the hose bed to allow for as much compartment space on the right side as possible.

8.11 The ladder rack or storage area shall have brackets for mounting two (2) pike poles.

8.12 Two (2) ten (10) foot sections of Kochek Brand (or equivalent) clear, lightweight 6-inch hard suction with 6 inch NST field couplings, with mounting brackets, will be provided.

8.12.1 This hard suction hose will be rated to stay flexible down to -40 degrees Fahrenheit.

8.12.1.1 This hose will be mounted above the left side compartments.

## **9.0 BOOSTER TANK - MANDATORY REQUIREMENTS:**

9.1 The booster tank shall have a capacity of **750 U.S. GALLONS**.

9.1.1 This tank will be manufactured in accordance with N.F.P.A. #1901 standards.

9.1.2 The booster tank shall be manufactured from polypropylene.

9.1.3 Access to the inside of the tank shall be provided.

9.2 There shall be an integrated 30 U.S. gallon class "A" foam tank included.

9.3 A lifetime warranty for use in an arctic environment

9.4 Tank outlet located in the sump

9.5 Four (4) inch drain plug in the sump

9.6 Surge tower located in the front of the apparatus hose bed

9.7 Tank surge / overflow system will be designed to prevent water splashing onto the road surface during routine driving, stops and turns. Water shall be routed to return to the tank.

9.8 Four each tank water level gauges mounted so they are readily visible, one on each side, one on the rear and one on the front.

## **10.0 FIRE PUMP - MANDATORY REQUIREMENTS:**

10.1 Final approval of the pump panel design will be given at the time of order.

10.2 Pump panel design shall be neat and orderly.

10.3 A drawing of the proposed pump panel design shall be included with the manufacturer's proposal.

10.4 The pump panel shall include:

10.4.1 Analog pressure and vacuum gauges

10.4.2 Easily readable – color coded markings for gauges and valve handles

10.4.3 Engine Temperature, Engine RPM, and Fuel Level gauges

10.4.4 Remote Air Horn Control with a guarded switch

10.4.5 Water tank and foam tank level gauges

10.5 The apparatus fire pump shall be a midship mounted 1,500-gallon per minute single stage pump.

- 10.5.1 The best design will combine ease of access for maintenance and servicing and maximize compartment space.
- 10.5.2 Acceptable pump manufacturers will be Waterous, Hale, or Seagraves.
- 10.5.3 The pump will be of a size and design to mount on the chassis rails of commercial chassis, and have the rated capacity of 1,500 gallons per minute (U.S. GPM).
- 10.5.4 The pump supplied shall meet all N.F.P.A #1901 and Underwriters' Laboratories requirements.
- 10.6 The pump must deliver the percentage of rated capacity at the pressure listed below:
  - 10.6.1 100% of rated capacity at 150 P.S.I. net pump pressure.
  - 10.6.2 100% of rated capacity at 165 P.S.I. net pump pressure.
  - 10.6.3 70% of rated capacity at 200 P.S.I. net pump pressure.
  - 10.6.4 50% of rated capacity at 250 P.S.I. net pump pressure.
- 10.7 Pump test certification shall be supplied at delivery.
- 10.8 The pump specifications must be detailed in the apparatus manufacturer's specifications.
- 10.9 The pump compartment must be fully enclosed, heated and insulated to protect the pump from freezing in temperatures of -60 below Fahrenheit and colder.
- 10.10 The arctic pump package must be detailed in the apparatus manufacturers specifications:
- 10.11 Easily removable belly pan.
- 10.12 Minimum of 65,000 BTU heater (with fans) inside the pump compartment
- 10.13 Easy access to gauges for repair
- 10.14 Stainless steel panel with a non-glare finish
- 10.15 Panel completely removable for access to pump
- 10.16 Valve handles sealed with low temperature silicone boots and/or seals for heat retention
- 10.17 A polished trim ring around each suction inlet and each discharge.
- 10.18 Including insulating materials to prevent the loss of pump compartment heat from around the piping.
- 10.19 A red flashing indicator light with an audible alarm at the pump panel to indicate the following: low engine oil pressure, high engine temperature. A flashing red light on the pump panel to indicate a low fuel condition.
- 10.20 Silicone filled gauges that correspond with the appropriate discharge gate.
- 10.21 Two (2) Underwriters Laboratories test ports
- 10.22 A hand throttle on the pump panel.
- 10.23 Pump panel lighting, mounted under an extruded stainless shield, for pump panel illumination. Light shall have an on/off switch.
- 10.24 Any additional space above the pump enclosure will be a dunnage area for equipment mounting and storage.
- 10.25 A master pump drain valve installed with controls at the pump panel.
- 10.26 An electrically driven positive displacement vane type pump primer that is recommended by the pump manufacturer.



- 10.27 Automatic transmission temperature gauge, engine oil pressure gauge, engine temperature gauge, engine tachometer and fuel gauge located on the pump panel
- 10.28 An air operated power shifter with a manual override shall engage the pump with the pump shifter mounted on the cab dash with a pump-in-gear indicator light on the dash and on the pump panel.
- 10.29 A class "A" foam-proportioning unit capable of delivering class "A" foam to individual discharges, 30-GALLON class "A" foam tank will be integrated in to the 750-gallon water tank, plumbed to one (1) preconnect attack line of 1-3/4", see 11.0. Prefer Auto Induction System as indicated in #5 of Desired Components.
- 10.30 One (1) 2-1/2-inch direct tank fill line installed with controls at the main pump panel.
- 10.31 A suction steamer inlet port installed on each side of the pump. A 1/4 turn 6-inch valve installed on the left, driver's side, steamer port.
  - 10.31.1 Dog-ear style chrome steam port caps included.
  - 10.31.2 Each suction inlet with a removable suction strainer and chrome cap.
- 10.32 Two (2) three (3) inch tank to pump lines installed as straight and direct as possible to allow for maximum flow.
- 10.33 Discharges:
  - 10.33.1 Two (2) 2-1/2 inch discharges at the right side pump panel.
  - 10.33.2 Two (2) 2-1/2 inch discharges at the left side pump panel.
- 10.34 30-degree turndowns installed on the 2-1/2 inch discharges on the left and right pump panel.
- 10.35 Two (2) 1 3/4 inch crosslay pre-connects located in an ergonomic location in front of the pump panel/compartment.
- 10.36 One (1) 2-1/2 inch auxiliary suction inlet will be located on each side pump panel. All of these valves will have strainers and shall be installed with a chrome plug and chain.
- 10.37 All discharge valves, direct tank fill valve, and auxiliary suction intake valves will be manually controlled from the main pump panel and will have chrome caps and/or plugs and chains.
- 10.38 All valves will have drains.
  - 10.38.1 The drains will be placed so as not to freeze.
- 10.39 All lubricants of arctic grade.
  - 10.39.1 All fluids will be specified as to manufacturer brand name, manufacturer specification number(s), viscosity, etc.
- 10.40 One (1) discharge shall be plumbed to the area centered above the pump enclosure with control and pressure gauge to be installed on the pump panel.
  - 10.40.1 A combination portable/deck monitor package shall be provided to include the following:
    - 10.40.1.1 One portable base
    - 10.40.1.2 One set of stacked tips
    - 10.40.1.3 One stream shaper
    - 10.40.1.4 One combination fog/straight stream nozzle

- 10.40.1.5 One deck mount adapter
- 10.40.1.6 One deck gun/monitor
- 10.40.1.7 Pump anode corrosion system installed.
- 10.40.1.8 Remote radio box mounted on the main pump panel area, recessed to nearest compartment.

## **11.0 PRECONNECT ATTACK LINES – MANDATORY REQUIREMENTS**

- 11.1 The apparatus manufacturer specifications must detail the layouts for all pre-connects.
- 11.2 One (1) 3 inch pre-connect shall be provided on the left side of the apparatus hose bed.
  - 11.2.1 This compartment shall have a capacity for 250 feet of 3-inch double jacket fire hose.
  - 11.2.2 This pre-connect shall be plumbed to the front of the compartment.
  - 11.2.3 Plumbing for pre-connect shall be minimum 3 inch piping.
  - 11.2.4 This pre-connect shall have a control handle and a pressure gauge located at the pump panel.
- 11.3 Two (2) cross-lays shall be provided above the pump operator's panel.
  - 11.3.1 Two (cross-lays shall have a capacity of 250 feet of 1 ¾ inch double jacket fire hose.
  - 11.3.2 Each cross-lay shall have a drain located at the pump panel.
  - 11.3.3 The 1 ¾ crosslays shall have a 1-1/2 inch swivel connector to allow the pre-connected hose to be removed from either side.
  - 11.3.4 Stainless steel rounded corners shall be installed horizontally and vertically on both ends of each crosslay compartment for rub protection.
  - 11.3.5 Plumbing for the two 1 ¾ cross-lays shall be minimum two (2) inch piping.
  - 11.3.6 Each crosslay shall have a control handle and a pressure gauge located at the pump panel.
  - 11.3.7 The cross-lays shall be covered with Treadbright aluminum plating hinged with piano hinges on the forward edge of the cross-lay compartment.

## **12.0 TECHNICAL SUPPORT – Mandatory Requirements**

- 12.1 At time of delivery, two (2) complete sets of pump operation and maintenance, chassis operation and maintenance, and apparatus operation and maintenance manuals shall be supplied. A complete set of operation and maintenance manuals for the engine, transmission, and differentials shall be supplied.
- 12.2 At time of delivery, two (2) complete “As Built” sets of all wiring schematics and plumbing diagrams shall be supplied.
- 12.3 A delivery engineer in the employ of the apparatus manufacturer shall be available for a minimum of three (3) days after the arrival of the apparatus at the FOB point.
  - 12.3.1 The delivery engineer shall instruct department personnel in the proper operation and maintenance procedures to be used with the apparatus.

## **13.0 CERTIFICATION AND ACCEPTANCE – Mandatory Requirements**

- 13.1 The apparatus shall be supplied with an Underwriters Laboratories pump certification.

## 14.0 TRAINING – Mandatory Requirements

- 14.1 Successful proposer will be required to provide an pilot inspection of the unit prior to shipment from manufacturer's plant. The successful proposer is to provide the State with a minimum 30 days notice prior to the inspection.
- 14.2 Prior to shipment from the manufacturer's plant, representatives of the State will inspect the **COMPLETED** unit for conformance to specifications.
- 14.3 The completed unit, component equipment and accessories shall be inspected and/or tested by the proposer or proposer's contractor for compliance with specifications, PRIOR to the arrival of the State inspection team. The State reserves the right to appoint an independent inspector at the State's expense to periodically monitor the progress of the unit during the manufacturing process.
  - 14.3.1 It is required that the bidder have its representative present at the pilot inspection.
- 14.4 The contractor shall provide full access to the State's inspector(s) or their designee(s) to the plant(s) subcontractors where manufacture is taking place.
- 14.5 These inspections by the State shall be thorough and very critical, and will encompass a complete review of the specifications. Adequate time and technical personnel shall be made available to assist the State in these inspections.
- 14.6 Inspection trip costs:
  - 14.6.1 The proposer will supply round trip coach "Y" full airfare (tickets to have the capability of departure date changes without an additional cost to the State of Alaska), with open arrival and departure times, for three (3) inspectors to the manufacturer's plant from Anchorage.
  - 14.6.2 Per Diem for each of the inspectors shall be at a rate of \$150.00 per day each (travel day + two (2) inspection days + travel day).
- 14.7 The successful proposer shall assist by booking lodging reservations. The State inspectors will pay meals and lodging.
- 14.8 The successful vendor shall arrange and furnish all ground transportation necessary to conduct the inspection.
- 14.9 While the State recognizes contractual responsibility in testing, the State reserves the exclusive right to reduce the number of inspectors when and if that action seems prudent. If the number of inspectors is reduced, the contractor will return to the State all monies saved by that action within 30 days following the actual inspection. It shall be their responsibility of the State inspector(s) to technically inspect and test the unit for compliance with the specifications.
- 14.10 It is the responsibility of the Contracting authority representative to observe the inspection and test to assure compliance with the published terms, conditions and specification of the proposal, and to mediate any disputes, which may arise between the manufacturer and the Department of Transportation representative.
- 14.11 Final inspection for compliance to specifications will be at the FOB point.
- 14.12 A final inspection of the unit will be conducted at the FOB point to assure that the unit still meets specifications.
- 14.13 Should the State determine that it is necessary to have the representative of the contracting authority attend the delivery inspection due to numerous specification discrepancies that were not corrected per the pilot inspection report, or the vendor requests the representative of the contracting authority to attend the delivery inspection,

the vendor shall pay round trip coach airfare ( not supersaver) from Anchorage to the assigned location and Per Diem at \$150.00 per day.

## **15.0 PAINTING AND LETTERING – Mandatory Requirements**

- 15.1 The entire apparatus under-body is to be painted black.
- 15.2 The entire underside of the apparatus will be rust proofed during assembly and after completion of construction to insure 100% coverage.
  - 15.2.1 The apparatus manufacturer shall supply photographic proof of rust proofing at the time of delivery.
- 15.3 The apparatus manufacturer shall apply reflective white *Scotchlite* lettering.
  - 15.3.1 A total of 100 2-3/4 inch letters with black shadow shall be used.
  - 15.3.2 Location to be determined by State of Alaska representatives at the time of order.
- 15.4 One (1) four-inch white and two (2) two inch white reflective stripes shall be applied to each side of the apparatus from the front to the rear.
  - 15.4.1 Exact location and design to be determined by State of Alaska representatives at the time of order.
- 15.5 The apparatus shall be painted red. Paint codes will be provided.
  - 15.5.1 The cab may be painted a combination of red and white.
  - 15.5.2 The final approval of the type and color to be used will be approved by State of Alaska representatives at the time of order.
- 15.6 The apparatus body shall not have any component parts mounted prior to painting.
  - 15.6.1 The body shall be thoroughly sanded prior to painting.
  - 15.6.2 All compartment doors shall be painted prior to installation.
  - 15.6.3 All wheels will be painted the same color as the apparatus.
  - 15.6.4 The cab will be painted by the apparatus manufacturer to match the apparatus body color.
- 15.7 Rear panel and both compartment doors are to be covered with a reflective material in a chevron pattern.
  - 15.7.1 The design will be approved by State of Alaska representatives at the time of order.

## **16.0 WARRANTY – Minimum Requirement**

- 16.1 All equipment shall be new and current model and shall carry full factory warranties. Offeror warrants all goods delivered to be free from defects in labor, material and manufacture and to be in compliance with proposal specifications. All implied or expressed warranty provisions of the Uniform Commercial Code apply. All warranties shall be for and benefit the State.
  - 16.1.1 For clarification, warranty does not apply to normal wear and tear or maintenance items, accident damages, misuse of equipment or failure to operate or maintain equipment as prescribed by the vendor/manufacturer.
- 16.2 The apparatus manufacturer will warranty this vehicle for a minimum of one (1) year from acceptance of the vehicle.

16.2.1 The apparatus manufacturer's warranty will cover any item, system or component not covered by another warranty. A copy of this warranty will be included with the proposal.

16.3 A copy of the chassis manufacturer's warranty will be included with the proposal.

16.3.1 This will include the engine and transmission.

16.4 The manufacturer will designate a local service center, or centers, approved to do warranty work.

## **17.0 PORTABLE GAS GENERATOR - Mandatory Requirements**

17.1 A minimum capability of producing 4500 watts of 120/240 volts AC

17.2 Mounted on a slide out tray in compartment.

17.3 Automatic start preferred with management system/circuit breaker panel located near the main pump panel

## **DESIRED COMPONENTS**

### **1.0 CAB SPECIFICATIONS - Desirable Components:**

1.1 An aluminum map book console shall be center mounted between the seats.

1.2 The console shall have four (4) compartments, each capable of holding a large binder type notebook.

1.3 The most efficient design will receive a higher ranking.

1.4 Final design approval will be at the time of order.

1.5 A handheld spot light (with momentary on switch only).

### **2.0 CHASSIS SPECIFICATIONS - DESIRABLE COMPONENTS:**

2.1 Chrome front bumper.

### **3.0 ELECTRICAL SYSTEM - DESIRABLE COMPONENTS:**

3.1 Electric systems are labeled throughout the run.

3.2 Electric systems are protected by wire loom.

3.3 Electric system uses solid-state equipment wherever possible.

3.4 Electric system includes a load management system.

3.5 *Focus* brand (or pre-approved equivalent) 220 volt 1500 watt telescoping scene lights mounted on the rear of the cab (both sides) hard wired to the generator and controlled from the main pump panel. LED lighting will be accepted.

3.6 *Focus* brand (or pre-approved equivalent) 110 volt 1000 watt scene light mounted on the roof in the middle just above the windshield hardwired to the generator and controlled from the cab.

3.7 *Kussmaul* brand, or similar type, auto-eject shore power receptacle, 120 volt, wired to engine block heater, and located near the driver's door.

### **4.0 TIRES AND WHEELS - DESIRABLE COMPONENTS:**

4.1 Siped mud and snow radials, all steel rims painted to match vehicle

### **5.0 FIRE PUMP - DESIRABLE COMPONENTS:**

5.1 Engine exhaust directed through the pump compartment

- 5.2 A Pump Management System for pressure control.
- 5.3 This system must be detailed in the apparatus manufacturers specifications
- 5.4 A hard plumbed Stang gun
- 5.5 Piston Intake Relief Valve, for 5-inch Stortz coupling, mounted on right side 6-inch steamer intake port.
- 5.6 Three (3) inch discharge port from right side pump panel, with a 5-inch Stortz adapter, in addition to 2 2-1/2 inch discharges.
- 5.7 Auto Induction System is preferable.

#### **6.0 TRAINING EQUIPMENT – DESIRED COMPONENTS**

- 6.1 This engine will be utilized to train firefighters from fire department throughout Alaska.
- 6.2 Equipment which will improve the ability to provide this training and improve the learning environment for the student is highly desired. For example:
  - 6.2.1 Color coding of all pump components
  - 6.2.2 Ability for students to visualize the pump components

#### **7.0 GENERATOR – DESIRED COMPONENTS**

- 7.1 In place of a gas generator, a hydro-gen type generator that is hydraulically driven and is capable of:
- 7.2 Producing a minimum of 8,000 watts of 120 and 240 volts AC
- 7.3 The hydraulic generator will be located in the dunnage area of the vehicle and the management system / circuit breaker panel will be located near the main pump panel.
- 7.4 Hydro-Gen fluids will be arctic climate compatible fluids.
- 7.5 All fluids will be specified as to manufacturer brand name, manufacturer specification number(s), viscosity, etc.

## **END OF SPECIFICATION**

## **SECTION VIII**

### **ATTACHMENTS**

#### Attachments

- Attachment A- Cost Proposal Worksheet
- Attachment B – Checklist
- Attachment C Appendix B1

**ATTACHMENT A**  
**COST PROPOSAL WORKSHEET**

A PROPOSAL MUST INCLUDE THE FOLLOWING INFORMATION. IT IS NOT NECESSARY TO USE THIS SHEET, IT IS PROVIDED AS A GUIDE TO INSURE COMPLETE INFORMATION IS PROVIDED.

**SAMPLE COST PROPOSAL**

**PRICING FOR CUSTOM PUMPER- 1,500 GPM FIRE APPARATUS**

ITEM DESCRIPTION	MAKE & MODEL OFFERED	COST
CUSTOM PUMPER (BASIC MODEL)		\$
<b>DESIRED COMPONENTS PRICING</b>		
CAB SPECIFICATIONS		\$
CHASSIS SPECIFICATIONS		\$
ELECTRICAL SYSTEM		\$
TIRES & WHEELS		\$
FIRE PUMP		\$
TRAINING EQUIPMENT		\$
GENERATOR		\$



## **ATTACHMENT B CHECKLIST**

This checklist is to be used only as a guide. It is the offeror's responsibility to read and insure 100% understanding and compliance with the requirements of this RFP.

### **Requirement**

- Three Copies (one original, two copies) of your proposal with any required amendments.
- Conflict of Interest Statement
- Signature of an authorized company representative
- Prior Experience documentation as outline.
- Proof of Alaska Business License
- Insurance certificate(s)
- All project information as outlined.
- Attachment A - Cost Proposal

**\*\* REVIEW YOUR PROPOSAL! USING SECTION 6 AS A GUIDE, INSURE THAT YOU ADDRESSED EACH QUESTION THAT THE PROPOSAL EVALUATION COMMITTEE WILL BE REVIEWING\*\***

**ATTACHMENT C**  
**APPENDIX B<sup>1</sup>**  
**INDEMNITY AND INSURANCE**

**Article 1. Indemnification**

The Contractor shall indemnify, hold harmless, and defend the contracting agency from and against any claim of, or liability for error, omission or negligent act of the Contractor under this agreement. The Contractor shall not be required to indemnify the contracting agency for a claim of, or liability for, the independent negligence of the contracting agency. If there is a claim of, or liability for, the joint negligent error or omission of the Contractor and the independent negligence of the Contracting agency, the indemnification and hold harmless obligation shall be apportioned on a comparative fault basis. "Contractor" and "Contracting agency", as used within this and the following article, include the employees, agents and other contractors who are directly responsible, respectively, to each. The term "independent negligence" is negligence other than in the Contracting agency's selection, administration, monitoring, or controlling of the Contractor and in approving or accepting the Contractor's work.

**Article 2. Insurance**

Without limiting Contractor's indemnification, it is agreed that Contractor shall purchase at its own expense and maintain in force at all times during the performance of services under this agreement the following policies of insurance. Where specific limits are shown, it is understood that they shall be the minimum acceptable limits. If the Contractor's policy contains higher limits, the state shall be entitled to coverage to the extent of such higher limits. Certificates of Insurance must be furnished to the Contracting Officer prior to beginning work and must provide for a 30-day prior notice of cancellation, nonrenewal or material change of conditions. Failure to furnish satisfactory evidence of insurance or lapse of the policy is a material breach of this contract and shall be grounds for termination of the Contractor's services. All insurance policies shall comply with, and be issued by insurers licensed to transact the business of insurance under AS 21.

**2.1 Workers' Compensation Insurance:** The Contractor shall provide and maintain, for all employees engaged in work under this contract, coverage as required by AS 23.30.045, and; where applicable, any other statutory obligations including but not limited to Federal U.S.L. & H. and Jones Act requirements. The policy must waive subrogation against the State.

**2.2 Commercial General Liability Insurance:** covering all business premises and operations used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000. combined single limit per occurrence.

**2.3 Commercial Automobile Liability Insurance:** covering all vehicles used by the Contractor in the performance of services under this agreement with minimum coverage limits of \$300,000. combined single limit per occurrence.